

405410 to 405512.

From Tanzania. Seed collected July-August 1975 by F. D. Wilson, Department of Agronomy and Plant Genetics, University of Arizona, Phoenix, Arizona, and K. Z. Kissie, Ministry of Agriculture, Luamungu, Moshi. Received September 11, 1975.

405410 and 405411. HIBISCUS ACETOSELLA Welw. Malvaceae.

405410. 75-61. Sengerema, 29 km west of Bisusi-Kikongo ferry, across Mwanza Gulf, Mwanza Region. Typical glabrous, red foliage, ornamental type. No flowers seen. Growing in tall grass in dooryard and in association with natural *H. cannabinus* × *H. acetosella* hybrid.

405411. 75-129. Muheza, on Highway A-14 between Tanga and Segena, Tanga Region. Glabrous, red-leaved, ornamental type. Growing in dooryard. Cultivated.

405412 to 405500. HIBISCUS CANNABINUS L. Kenaf.

405412. 75-16. On Highway A-23, 18 km east of Arusha turnoff toward Moshi, Arusha Province. Spiny annual to 2.5 m tall. Flower color varies from washed-out lavender (almost gray) to dark purple. Leaves deeply palmately lobed. Large population here, but few ripe capsules. Seed growing on edge of extensive *Typha* swamp. Wild.

405413. 75-17. On Highway A-23, 32 km east of Arusha turnoff toward Moshi, Arusha Province. Spiny annual to 2.5 m tall, purple flowered. Growing near edge of cornfield in grass-thornbush. Wild.

405414. 75-18. On Highway A-104, 15 km west of Arusha, Arusha Region. Spiny annual to 2 m tall. Purple flowers, deeply divided leaves. Growing on grass-thornbush steppe. Wild.

405415. 75-21. On road B-142 to Ngorongoro Crater, 4 km from A-104 and B-142 junction, Mtwambu Region. Annual to 2.5 m tall. Cream flowers with dark petal spot. Leaves 5-lobed, not as deeply lobed as the wild, purple-flowered type. Stem not as spiny as wild type. Growing in recently cultivated beanfield.

405416. 75-22. On road B-142 to Ngorongoro Crater, 36 km from A-104 and B-142 junction, Mtwambu Region. Spiny annual to 2.5 m tall. Green and ripe capsules, no leaves. Old flower remnants look purple. Growing in grass at edge of cornfield. Wild.

405417. 75-24. Toward Musoma, 25 km west of Ikoma Gate to Serengeti National Park, Mara Region. Spiny annual to 2 m tall. Mature capsules, no leaves, no flowers. Few plants only. Growing in dry grass and thornbush scrub. Wild.

405418. 75-25. Toward Musoma, 33 km west of Ikoma Gate to Serengeti National Park, Mara Region. Spiny annual to 2 m tall. Plant has mature capsules, leafless. One plant only. Growing in grass and thornbush scrub. Wild.

405419. 75-26. Toward Musoma, 34 km west of Iloma Gate to Serengeti National Park, Mara Region. Few plants, mature capsules, leafless. Growing in grass and thornbush scrub. Wild.

405420. 75-27. Toward Musoma in Mtukeri village, 47 km west of Ikoma Gate to Serengeti National Park, Mara Region. Spiny branched annual to 2 m tall. Purple flowers. Common East African wild type. Villagers eat growing tips as salad. Wild.